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United States Department of Agriculture,

DIVISION OF PUBLICATIONS—Circular 13.

JOS. A. ARNOLD, Editor and Chief.

WASHINGTON, D. C., July 9, 1913.

PUBLICATIONS OF THE BUREAU OF PLANT INDUSTRY.

NOTE.—Application for publications in this list should be made to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C. The editions of some of the publications are necessarily limited, and when the supply is exhausted and no funds are available for procuring additional copies, applicants are referred to the Superintendent of Documents, Government Printing Office, who has them for sale at a nominal price, under the law of January 12, 1895. Applicants are urgently requested to ask only for those publications in which they are particularly interested. The department can not undertake to supply complete sets, nor is it allowable to send more than one copy of any publication to an applicant.

REPORTS.

Report of the Chief for 1901.

Same, 1906.

Same, 1908.

Same, 1910.

Same, 1907.

Same, 1909.

Same, 1912.

BULLETINS.

[In applying for these bulletins the name of the bureau as well as the number of the bulletin should be given, as "Bureau of Plant Industry, Bulletin No. 25."]

- Bul. 25. Miscellaneous Papers: I. The Seed of Rescue Grass and Chess. II. Saragolla Wheat. III. Plant Introduction Notes from South Africa. IV. Congressional Seed and Plant Distribution Circulars, 1902-1903.
33. North American Species of *Leptochloa*.
51. Miscellaneous Papers: Part I. The Wilt Disease of Tobacco and its Control. Same. Part IV. The Cultivation of the Australian Wattle.
53. The Date Palm and Its Utilization in the Southwestern States.
56. The Nomenclature of the Apple.
65. Reclamation of Cape Cod Sand Dunes.
67. Range Investigations in Arizona.
72. Miscellaneous Papers: Part II. The Salt Water Limits of Wild Rice.
73. The Development of Single-Germ Beet Seed.
75. Range Management in the State of Washington.
76. Copper as an Algicide and Disinfectant in Water Supplies.
77. The Avocado, a Salad Fruit from the Tropics.
82. Grass Lands of the South Alaska Coast.
91. Varieties of Tobacco Seed Distributed in 1905-6, with Cultural Directions.
100. Miscellaneous Papers: Part VII. The Effects of Copper upon Water Bacteria.
102. Miscellaneous Papers: Part V. The Control of Texas Root-Rot of Cotton.
111. Miscellaneous Papers: I. The Larkspurs as Poisonous Plants. II. The Fibers of Long-Staple Upland Cottons. III. Imported Low-Grade Clover and Alfalfa Seed. IV. Forage Crops for Hogs in Kansas and Oklahoma. V. The Culture and Uses of Brome-Grass.
- Same, Part I. The Larkspurs as Poisonous Plants.
- Same, Part II. The Fibers of Long-Staple Upland Cottons.
- Same, Part IV. Forage Crops for Hogs in Kansas and Oklahoma.

- Bul. 119. The Mulberry and Other Silkworm Food Plants.
121. Miscellaneous Papers: Part I. The Supposed Relationship of White Snake-root to Milksickness, or "Trembles."
Same, Part V. Apple Leaf-Spot Caused by *Sphaeropsis Malorum*.
131. Miscellaneous Papers: Part V. The Nectaries of Cotton.
135. Orchard Fruits in the Piedmont and Blue Ridge Regions of Virginia and the South Atlantic States.
137. Seeds and Plants Imported during the Period from January 1 to March 31, 1908. Inventory No. 14; Nos. 21732 to 22510.
141. Miscellaneous Papers: Part II. The Granville Tobacco Wilt.
Same, Part III. The Florida Velvet Bean and Its History.
142. Seeds and Plants Imported during the Period from April 1 to June 30, 1908. Inventory No. 15; Nos. 22511 to 23322.
143. Principles and Practical Methods of Curing Tobacco.
147. Suppressed and Intensified Characters in Cotton Hybrids.
148. Seeds and Plants Imported during the Period from July 1 to September 30, 1908. Inventory No. 16; Nos. 23323 to 23744.
153. Seeds and Plants Imported during the Period from October 1 to December 31, 1908. Inventory No. 17; Nos. 23745 to 24429.
154. Farm Water Supplies of Minnesota.
157. The Truckee-Carson Experiment Farm.
158. The Root-Rot of Tobacco Caused by *Thielavia Basicola*.
162. Seeds and Plants Imported during the Period from January 1 to March 31, 1909. Inventory No. 18; Nos. 24430 to 25191.
164. Promising Root Crops for the South. I. Yautias, Taros, and Dasheens.
II. Agricultural History and Utility of the Cultivated Aroids.
165. Application of Some of the Principles of Heredity to Plant Breeding.
168. Seeds and Plants Imported during the Period from April 1 to June 30, 1909. Inventory No. 19; Nos. 25192 to 25717.
170. Traction Plowing.
172. Grape Investigations in the Vinifera Regions of the United States with Reference to Resistant Stocks, Direct Producers, and Viniferas.
176. Seeds and Plants Imported during the Period from July 1 to September 30, 1909. Inventory No. 20; Nos. 25718 to 26047.
181. The Curly-Top of Beets.
183. Field Studies of the Crown-Gall of the Grape.
189. The Source of the Drug Dioscorea, with a Consideration of the Dioscorea Found in the United States.
190. Orchard Green-Manure Crops in California.
192. The Drought Resistance of the Olive in the Southwestern States.
200. Breeding New Types of Egyptian Cotton.
201. Natural Vegetation as an Indicator of the Capabilities of Land for Crop Production in the Great Plains Area.
202. The Seedling-Inarch and Nurse-Plant Methods of Propagation.
204. Agricultural Explorations in the Fruit and Nut Orchards of China.
206. The Blister Rust of White Pine.
207. Seeds and Plants Imported during the Period from January 1 to March 31, 1910. Inventory No. 22; Nos. 26471 to 27480.
208. Seeds and Plants Imported during the Period from April 1 to June 30, 1910. Inventory No. 23; Nos. 27481 to 28324.
209. Grimm Alfalfa and Its Utilization in the Northwest.
210. Hindi Cotton in Egypt.
211. Bacteriological Studies of Soils of the Truckee-Carson Irrigation Project.
214. The Timber Rot Caused by *Lenzites Sepiaria*.
217. Root-Knot and Its Control.
221. Dimorphic Leaves of Cotton and Allied Plants in Relation to Heredity.

- Bul. 222. Arrangement of Parts in the Cotton Plant.
 224. Timothy Rust in the United States.
 225. A Spot Disease of Cauliflower.
 230. The Wilting Coefficient for Different Plants and Its Indirect Determination.
 232. A Preliminary Study of the Forced Curing of Lemons as Practiced in California.
 233. Seeds and Plants Imported during the Period from January 1 to March 31, 1911. Inventory No. 26; Nos. 29328 to 30461.
 234. The Cultivation and Manufacture of Tea in the United States.
 235. Wild Volatile-Oil Plants and Their Economic Importance: I.—Black Sage; II.—Wild Sage; III.—Swamp Bay.
 237. Grain-Sorghum Production in the San Antonio Region of Texas.
 239. Cost and Methods of Clearing Land in Western Washington.
 240. Cooperative Grain Investigations at McPherson, Kansas, 1904-1909.
 242. Seeds and Plants Imported during the Period from April 1 to June 30, 1911. Inventory No. 27; Nos. 30462 to 31370.
 244. The Export and Manufacturing Tobaccos of the United States, with Brief Reference to the Cigar Types.
 246. The Relation of Barium to the Loco-Weed Disease.
 248. Seeds and Plants Imported during the Period from July 1 to September 30, 1911. Inventory No. 28; Nos. 31371 to 31938.
 249. The Branching Habits of Egyptian Cotton.
 250. The Diseases of Ginseng and Their Control.
 253. The Kaoliangs: A New Group of Grain Sorghums.
 257. The Weed Factor in the Cultivation of Corn.
 262. Ornamental Cacti: Their Culture and Decorative Value.
 264. The Purpling Chromogen of a Hawaiian Dioscorea.
 267. Nonperennial Medicagos: The Agronomic Value and Botanical Relationship of the Species.
 271. Some Effects of Refrigeration on Sulphured and Unsulphured Hops.
 281. A Dry Rot of Sweet Potatoes Caused by *Diaporthe Batatatis*.
 282. Seeds and Plants Imported during the Period from January 1 to March 31, 1912. Inventory No. 30; Nos. 32369 to 33278.
 283. Cereal Experiments in the Texas Panhandle.

MISCELLANEOUS.

[In applying for these publications the name of the bureau as well as the full title of the publication should be given.]

Sugar-Beet Pulp as Animal Food. (Reprint from Report No. 74, Office of the Secretary.)

Single-Germ Beet Balls and Other Suggestions for Improving Sugar-Beet Culture. (Reprint from Report No. 74, Office of the Secretary.)

CIRCULARS.

[In applying for these circulars the name of the bureau as well as the number of the circular should be given, as "Bureau of Plant Industry, Circular No. 8."]

- Circ. 8. The Smuts of Sorghum.
 9. Texas Root-Rot of Cotton: Field Experiments in 1907.
 19. The Decay of Florida Oranges while in Transit and on the Market.
 21. Farmers' Cooperative Demonstration Work in Its Relation to Rural Improvement.
 22. Farm Methods of Applying Land Plaster in Western Oregon and Western Washington.
 24. Alfalfa in Cultivated Rows for Seed Production in Semiarid Regions.

- Circ. 30. Improvement of the Oat Crop.
33. The Necessity for New Standards of Hop Valuation.
37. Comparative Tests of Sugar-Beet Varieties.
40. A Simple Method for Detecting Sulphured Barley and Oats.
43. The Deterioration of Corn in Storage.
45. The Utilization of Pea-Cannery Refuse for Forage.
46. The Limitation of the Satsuma Orange to Trifoliolate-Orange Stock.
47. Prickly Comfrey as a Forage Crop.
48. The Present Status of the Tobacco Industry.
49. Improvement of Pastures in Eastern New York and the New England States.
50. Three Much-Misrepresented Sorghums.
54. The Substitution of Lime-Sulphur Preparations for Bordeaux Mixture in the Treatment of Apple Diseases.
55. American Export Corn (Maize) in Europe.
56. Some Conditions Influencing the Yield of Hops.
60. Suggestions to Settlers on the Sandy Soils of the Columbia River Valley.
61. Dry-Land Grains in the Great Basin.
62. The Separation of Seed Barley by the Specific-Gravity Method.
64. Agricultural Conditions in Southern New York.
65. Grape-Spraying Experiments in Michigan.
68. Handling Wheat from Field to Mill.
70. Additional Notes on the Number and Distribution of Native Legumes in Nebraska and Kansas.
71. Legume Inoculation and the Litmus Reaction of Soils.
72. A Moisture Tester for Grain and Other Substances, and How to Use It.
73. The Distinguishing Characters of the Seeds of Quack-Grass and of Certain Wheat-Grasses.
75. Agricultural Survey of Four Townships in Southern New Hampshire.
77. A Study of the Improvement of Citrus Fruits Through Bud Selection.
78. Agricultural Observations on the Truckee-Carson Irrigation Project.
89. Winter Wheat in Western South Dakota.
80. Forage Crops for the Sand-Hill Section of Nebraska.
82. Crop Plants for Paper Making.
96. Preliminary Report on the Klamath Marsh Experiment Farm.
90. Suggestions to Potato Growers on Irrigated Lands.
94. The Mangum Terrace in Its Relation to Efficient Farm Management.
97. A Preliminary Report on Rice Growing in the Sacramento Valley.
97. A Method for the Determination of the Specific Gravity of Wheat and Other Cereals.
100. Distribution of Seeds and Plants by the Department of Agriculture.
101. The Germination of Packeted Vegetable Seeds.
102. The Production of Hairy-Vetch Seed.
104. Special Contests for Corn-Club Work.
111. Miscellaneous Papers. Preliminary Report on Sugar Production from Maize. Durango Cotton in the Imperial Valley. Improved Apparatus for Detecting Sulphured Grain. Supernumerary Carpels in Cotton Bolls. Keeping Soft Cuttings Alive for Long Periods.
114. Miscellaneous Papers. Sowing Flax on Winterkilled Wheat Fields. Experiments in Subsoiling at San Antonio. Control of the Black-Rot and Stem-Rot of the Sweet Potato. Bartlett Pear Precooling and Storage Investigations in the Rogue River Valley. Climatic Conditions on the Truckee-Carson Project.
116. Miscellaneous Papers. The Fundamentals of Crop Improvement. The Work of the Scottsbluff Experiment Farm in 1912. The Himalaya Blackberry. The Artificial Curing of Alfalfa Hay.

- Circ. 117. Miscellaneous Papers. The Bureau of Plant Industry, Its Functions and Efficiency. The Relation of Agricultural Extension Agencies to Farm Practices.
118. Miscellaneous Papers. The Economics of Crop Disposal. The Abortion of Fruiting Branches in Cotton. Fruit Growing on the Truckee-Carson Project. The Excretion of Cytase by *Penicillium Pinophilum*.
120. Miscellaneous Papers. Testing Cultures of Nodule-Forming Bacteria. The Work of the San Antonio Experiment Farm in 1912. Inheritance of Waxy Endosperm in Hybrids with Sweet Corn. Leaf-Cut, or Tomosis, a Disorder of Cotton Seedlings.
122. Miscellaneous Papers. Directions for Blueberry Culture. The Work of the Truckee-Carson Experiment Farm in 1912. Feterita, a New Variety of Sorghum.
123. Miscellaneous Papers. Factors Affecting the Production of Long-Staple Cotton. Behavior of Seed Cotton in Farm Storage. Egyptian Cotton Culture in the Southwest.
124. Miscellaneous Papers. Agriculture on the Yuma Reclamation Project. Effects of Cross-Pollination on the Size of Seed in Maize. Experiments on the Decay of Florida Oranges. The Wild Prototype of the Cowpea.
126. Miscellaneous Papers. Fungous Diseases Liable to Be Disseminated in Shipments of Sugar Cane. The Work of the Yuma Experiment Farm in 1912. Directions for Collecting Plants.
127. Miscellaneous Papers. The Work of the Delta Experiment Farm in 1912. Silver Scurf, a Disease of the Potato. The Dasheen, a Root Crop for the Southern States.
130. Miscellaneous Papers. Cotton Problems in Louisiana. The Use of Congo Red in Culture Media. A Simple and Economical Method of Burning Lime.
131. Miscellaneous Papers. Cultural characters of the Chestnut-Blight Fungus and Its Near Relatives. Measuring Hay in Ricks or Stacks. Cellulose as a Source of Energy for Nitrogen Fixation.

SEPARATE REPRINTS FROM CIRCULARS.

[In applying for these publications the name of the bureau and the full title of the publication as well as the number of the circular from which it is reprinted should be given.]

From Circular 109:

United States Official Cotton Grades.

From Circular 110:

Some Asiatic Actinidias.
Agriculture on the Truckee-Carson Project.
The Jack Bean and Sword Bean.

From Circular 111:

Preliminary Report on Sugar Production from Maize.
Durango Cotton in the Imperial Valley.
Improved Apparatus for Detecting Sulphured Grain.

From Circular 112:

Opportunities in Pecan Culture.
The Jonathan Fruit-Spot.
Relation of Stand to Yield in Hops.

From Circular 113:

Soil Bacteriology as a Factor in Crop Production.
The Tuber-Unit Method of Seed-Potato Improvement.

From Circular 114:

Experiments in Subsoiling at San Antonio.
Bartlett Pear Precooling and Storage Investigations in the Rogue River Valley.
Climatic Conditions on the Truckee-Carson Project.

From Circular 115:

Grasses for Canal Banks in Western South Dakota.

- From Circular 116:
 The Fundamentals of Crop Improvement.
 The Himalaya Blackberry.
 The Artificial Curing of Alfalfa Hay.
- From Circular 118:
 The Abortion of Fruiting Branches in Cotton.
- From Circular 119:
 The Grafted Papaya as an Annual Fruit Tree.
 The Work of the Belle Fourche Experiment Farm in 1912.
- From Circular 120:
 The Work of the San Antonio Experiment Farm in 1912.
- From Circular 121:
 The Work of the Huntley Experiment Farm in 1912.
- From Circular 123:
 Factors Affecting the Production of Long-Staple Cotton.
- From Circular 124:
 Agriculture on the Yuma Reclamation Project.
 The Wild Prototype of the Cowpea.
- From Circular 126:
 The Work of the Yuma Experiment Farm in 1912.
- From Circular 127:
 The Dasheen, a Root Crop for the Southern States.
 Silver Scurf, a Disease of the Potato.

DOCUMENTS.

[In applying for these publications the name of the bureau as well as the number of the publication should be given, as "Bureau of Plant Industry, Document 355."]

- Doc. 355. A-52. Economize! Cut Down the Expenses of the Farm.
747. A-67. Revised. The Selection of Cotton and Corn Seed for Southern Farms.
503. A-68. Fall Breaking and the Preparation of the Seed Bed.
523. A-69. Field Instructions for Farmers' Cooperative Demonstration Work.
619. A-71. The Production of Cotton under Boll-Weevil Conditions.
632. A-73. Crops for Southern Farms.
644. A-74. Revised. Boys' Demonstration Work: The Corn Clubs.
741. A-75. Revised. Result of Boys' Demonstration Work in Corn Clubs in 1911.
692. A-77. Farm Fertilizers.
870. A-79. Revised. Girls' Demonstration Work: The Canning Clubs.
730. A-80. The Corn Crop in the Southern States.
433. Directions for Making Window Gardens.
452. Hints to Settlers on the Minidoka Project, Idaho.
457. Agricultural Conditions in Southern Texas.
537. Cooperative Distribution of New Varieties of Smyrna Figs and Caprifigs. (Second Revision.)
578. Suggestions for Setting Permanent Pastures with Bermuda Grass as the Basis.
648. The Control of Cotton Wilt and Root-Knot.
676. The Relation of Handling to Decay in California Navel Oranges; Season 1910-11.
716. Distribution of Cotton Seed in 1912.
756. Emergency Crops for Overflowed Lands in the Mississippi Valley.
803. Organization and Instruction in Boys' Corn-Club Work.
883. Tomato Growing as Club Work in the North and West.
884. Potato Growing as Club Work in the North and West.

FARMERS' BULLETINS.

[The Farmers' Bulletins are a series of popular treatises issued by the Department of Agriculture. The following list includes only numbers contributed by the Bureau of Plant Industry. They should be applied for by number, as "Farmers' Bulletin No. 27."]

- F. B. 27. Flax for Seed and Fiber.
30. Grape Diseases on the Pacific Coast.
91. Potato Diseases and Treatment.
101. Millets.
113. The Apple and How to Grow It.
139. Emmer: A Grain for the Semiarid Regions.
140. Pineapple Growing.
154. The Home Fruit Garden: Preparation and Care.
157. The Propagation of Plants.
164. Rape as a Forage Crop.
167. Cassava.
174. Broom Corn.
175. Home Manufacture and Use of Unfermented Grape Juice.
176. Cranberry Culture.
181. Pruning.
185. Beautifying the Home Grounds.
188. Weeds Used in Medicine.
195. Annual Flowering Plants.
198. Strawberries.
204. The Cultivation of Mushrooms.
213. Raspberries.
218. The School Garden.
219. Lessons from the Grain-Rust Epidemic of 1904.
220. Tomatoes.
221. Fungous Diseases of the Cranberry.
224. Canadian Field Peas.
229. The Production of Good Seed Corn.
232. Okra: Its Culture and Uses.
238. Citrus Fruit Growing in the Gulf States.
242. An Example of Model Farming.
243. Fungicides and Their Use in Preventing Diseases of Fruits.
245. Renovation of Worn-Out Soils.
246. Saccharine Sorghums for Forage.
250. The Prevention of Stinking Smut of Wheat and Loose Smut of Oats.
254. Cucumbers.
255. The Home Vegetable Garden.
271. Forage-Crop Practices in Western Oregon and Western Washington.
272. A Successful Hog and Seed-Corn Farm.
274. Flax Culture.
278. Leguminous Crops for Green Manuring.
279. A Method of Eradicating Johnson Grass.
280. A Profitable Tenant Dairy Farm.
282. Celery.
283. Spraying for Apple Diseases and the Codling Moth in the Ozarks.
284. Insect and Fungous Enemies of the Grape East of the Rocky Mountains.
286. Comparative Value of Whole Cotton Seed and Cotton-Seed Meal in Fertilizing Cotton.
288. Nonsaccharine Sorghums.
289. Beans.
291. Evaporation of Apples.
292. Cost of Filling Silos.

- F. B. 294. Farm Practice in the Columbia Basin Uplands.
299. Diversified Farming under the Plantation System.
301. Home-Grown Tea.
302. Sea Island Cotton.
304. Growing and Curing Hops.
306. Dodder in Relation to Farm Seeds.
307. Roselle: Its Culture and Uses.
310. A Successful Alabama Diversification Farm.
312. A Successful Southern Hay Farm.
313. Harvesting and Storing Corn.
318. Cowpeas.
322. Milo as a Dry-Land Grain Crop.
323. Clover Farming on the Sandy Jack-Pine Lands of the North.
324. Sweet Potatoes.
325. Small Farms in the Corn Belt.
326. Building up a Run-Down Cotton Plantation.
331. Forage Crops for Hogs in Kansas and Oklahoma.
337. Cropping Systems for New England Dairy Farms.
339. Alfalfa.
343. The Cultivation of Tobacco in Kentucky and Tennessee.
347. The Repair of Farm Equipment.
354. Onion Culture.
355. A Successful Poultry and Dairy Farm.
361. Meadow Fescue: Its Culture and Uses.
362. Conditions Affecting the Value of Market Hay.
364. A Profitable Cotton Farm.
365. Farm Management in Northern Potato-Growing Sections.
368. The Eradication of Bindweed, or Wild Morning-Glory.
370. Replanning a Farm for Profit.
372. Soy Beans.
380. The Loco-Weed Disease.
382. The Adulteration of Forage-Plant Seeds.
386. Potato Culture on Irrigated Farms of the West.
395. Sixty-Day and Kherson Oats.
398. Farm Practice in the Use of Commercial Fertilizers in the South Atlantic States.
400. A More Profitable Corn-Planting Method.
401. The Protection of Orchards in the Pacific Northwest from Spring Frosts by Means of Fires and Smudges.
402. Canada Bluegrass: Its Culture and Uses.
406. Soil Conservation.
407. The Potato as a Truck Crop.
414. Corn Culture.
415. Seed Corn.
416. The Production of Cigar-Leaf Tobacco in Pennsylvania.
417. Rice Culture.
420. Oats: Distribution and Uses.
422. Demonstration Work on Southern Farms.
424. Oats: Growing the Crop.
426. Canning Peaches on the Farm.
427. Barley Culture in the Southern States.
428. Testing Farm Seeds in the Home and in the Rural School.
431. The Peanut.
432. How a City Family Managed a Farm.
433. Cabbage.

- F. B. 434. The Home Production of Onion Seed and Sets.
436. Winter Oats for the South.
437. A System of Tenant Farming and Its Results.
440. Spraying Peaches for the Control of Brown-Rot, Scab, and Curculio.
441. Lespedeza, or Japan Clover.
443. Barley: Growing the Crop.
446. The Choice of Crops for Alkali Land.
448. Better Grain-Sorghum Crops.
454. A Successful New York Farm.
455. Red Clover.
458. The Best Two Sweet Sorghums for Forage.
460. Frames as a Factor in Truck Growing.
462. The Utilization of Logged-Off Land for Pasture in Western Oregon and Western Washington.
464. The Eradication of Quack Grass.
466. Winter Emmer.
467. The Control of the Chestnut-Bark Disease.
471. Grape Propagation, Pruning, and Training.
472. Systems of Farming in Central New Jersey.
475. Ice Houses.
482. The Pear and How to Grow It.
483. The Thornless Prickly Pears.
485. Sweet Clover.
488. Diseases of Cabbage and Related Crops and Their Control.
489. Two Dangerous Imported Plant Diseases.
491. The Profitable Management of the Small Apple Orchard on the General Farm.
492. The More Important Insect and Fungous Enemies of the Fruit and Foliage of the Apple.
494. Lawns and Lawn Soils.
495. Alfalfa Seed Production.
501. Cotton Improvement under Weevil Conditions.
502. Timothy Production on Irrigated Land in the Northwestern States.
507. The Smuts of Wheat, Oats, Barley, and Corn.
508. Market Hay.
509. Forage Crops for the Cotton Region.
511. Farm Bookkeeping.
515. Vetches.
518. Winter Barley.
519. An Example of Intensive Farming in the Cotton Belt.
520. The Storage and Marketing of Sweet Potatoes.
521. Canning Tomatoes at Home and in Club Work.
523. Tobacco Growing.
524. Tile Drainage on the Farm.
529. Vetch Growing in the South Atlantic States.
531. Larkspur, or "Poison-Weed."
533. Good Seed Potatoes and How to Produce Them.
534. Durum Wheat.
536. Stock Poisoning Due to Scarcity of Food.
537. How to Grow an Acre of Corn.
538. Sites, Soils, and Varieties for Citrus Groves in the Gulf States.
539. Propagation of Citrus Trees in the Gulf States.
544. Potato-Tuber Diseases.
545. Controlling Canada Thistles.
546. How to Manage a Corn Crop in Kentucky and West Virginia.

SEPARATE REPRINTS FROM THE YEARBOOK.

[In applying for these separates the number should be given, as "Yearbook Separate No. 89."]

- Ybk. Sep. 89. Grass and Forage Experiment Station at Garden City, Kans., and Co-operative Branch Stations in the South.
203. Commercial Plant Introduction.
361. Cotton Culture in Guatemala.
387. The Handling of Fruit for Transportation.
419. Range Management.
453. The Status of the American Lemon Industry.
463. Diseases of Ornamental Trees.
483. The Causes of Southern Rural Conditions and the Small Farm as an Important Remedy.
490. Intensive Methods and Systematic Rotation of Crops in Tobacco Culture.
501. The Farmers' Cooperative Demonstration Work.
503. Conditions Influencing the Production of Sugar-Beet Seed in the United States.
509. Farming as an Occupation for City-Bred Men.
520. The Handling of Deciduous Fruits on the Pacific Coast.
530. Nitrogen-Gathering Plants.
540. Increased Yields of Corn from Hybrid Seed.
541. The Utilization of Crop Plants for Paper Making.
546. Cooperation in the Handling and Marketing of Fruits.
549. Promising New Fruits.
550. The Precooling of Fruit.
551. Camphor Cultivation in the United States.
556. Seaman Asahel Knapp.
565. Some Misconceptions Concerning Dry Farming.
567. Seasonal Distribution of Labor on the Farm.
568. Some Results of the Farmers' Cooperative Demonstration Work.
572. Rotations in the Corn Belt.
579. Cotton Improvement on a Community Basis.
580. Plant Introduction for the Plant Breeder.
581. Promising New Fruits.
589. Promising New Fruits. [In press.]
597. A Successful Method of Marketing Vegetable Products. [In press.]
598. The Chestnut Bark Disease. [In press.]
605. Improved Methods of Handling and Marketing Cotton. [In press.]
608. The Settlement of Irrigated Lands. [In press.]
609. Some New Grasses for the South. [In press.]

DIVISION OF BOTANY.

INVENTORIES.¹

- Inventory 1. Foreign Seeds and Plants Imported by the Section of Seed and Plant Introduction. Numbers 1-1000.
- Inventory 2. Foreign Seeds and Plants Imported by the Section of Seed and Plant Introduction. Numbers 1001-1900.
- Inventory 5. Foreign Seeds and Plants Imported by the Department of Agriculture, and for Distribution through the Section of Seed and Plant Introduction. Numbers 1901-2700.
- Inventory 6. Foreign Seeds and Plants Collected in Austria, Italy, and Egypt.
- Inventory 7. Foreign Seeds and Plants Imported by the Department of Agriculture, through the Section of Seed and Plant Introduction, for Distribution in Cooperation with the State Agricultural Experiment Stations. Numbers 2701-3400.

Approved:

D. F. HOUSTON,
Secretary of Agriculture.

¹ For later numbers see Bureau of Plant Industry bulletins.

